

Piotr Foltynski

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

402
citations

623574

14
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794469

19
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41
all docs

41
docs citations

41
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Smartphone-Based Method for Wound Area Measurement. <i>Artificial Organs</i> , 2014, 38, 346-352.	1.0	40
2	Accuracy and Precision of Selected Wound Area Measurement Methods in Diabetic Foot Ulceration. <i>Diabetes Technology and Therapeutics</i> , 2013, 15, 711-720.	2.4	32
3	Wound Area Measurement with Digital Planimetry: Improved Accuracy and Precision with Calibration Based on 2 Rulers. <i>PLoS ONE</i> , 2015, 10, e0134622.	1.1	32
4	Ways to increase precision and accuracy of wound area measurement using smart devices: Advanced app Planimator. <i>PLoS ONE</i> , 2018, 13, e0192485.	1.1	30
5	Area of the Diabetic Ulcers Estimated Applying a Foot Scanner-Based Home Telecare System and Three Reference Methods. <i>Diabetes Technology and Therapeutics</i> , 2011, 13, 1101-1107.	2.4	23
6	A New Imaging and Data Transmitting Device for Telemonitoring of Diabetic Foot Syndrome Patients. <i>Diabetes Technology and Therapeutics</i> , 2011, 13, 861-867.	2.4	19
7	Hemoglobin Glycation Rate Constant in Non-diabetic Individuals. <i>Annals of Biomedical Engineering</i> , 2011, 39, 2721-2734.	1.3	18
8	Treatment of patients with type 1 diabetes – Insulin pumps or multiple injections?. <i>Biocybernetics and Biomedical Engineering</i> , 2016, 36, 1-8.	3.3	18
9	Validation of Hemoglobin Glycation Models Using Glycemia Monitoring In Vivo and Culturing of Erythrocytes In Vitro. <i>Annals of Biomedical Engineering</i> , 2008, 36, 1188-1202.	1.3	17
10	Validation of a hemoglobin A1c model in patients with type 1 and type 2 diabetes and its use to go beyond the averaged relationship of hemoglobin A1c and mean glucose level. <i>Journal of Translational Medicine</i> , 2014, 12, 328.	1.8	17
11	Efficacy of automatic bolus calculator with automatic speech recognition in patients with type 1 diabetes: A randomized crossover trial. <i>Journal of Diabetes</i> , 2018, 10, 600-608.	0.8	17
12	A Randomized Controlled Study of an Insulin Dosing Application That Uses Recognition and Meal Bolus Estimations. <i>Journal of Diabetes Science and Technology</i> , 2017, 11, 43-49.	1.3	15
13	Accuracy of Automatic Carbohydrate, Protein, Fat and Calorie Counting Based on Voice Descriptions of Meals in People with Type 1 Diabetes. <i>Nutrients</i> , 2018, 10, 518.	1.7	15
14	Monitoring of Diabetic Foot Syndrome Treatment: Some New Perspectives. <i>Artificial Organs</i> , 2011, 35, 176-182.	1.0	14
15	A network meta-analysis of progression free survival and overall survival in first-line treatment of chronic lymphocytic leukemia. <i>Cancer Treatment Reviews</i> , 2015, 41, 77-93.	3.4	14
16	What We Can Really Expect from Telemedicine in Intensive Diabetes Treatment: 10 Years Later. <i>Diabetes Technology and Therapeutics</i> , 2013, 15, 260-268.	2.4	11
17	Digital Planimetry With a New Adaptive Calibration Procedure Results in Accurate and Precise Wound Area Measurement at Curved Surfaces. <i>Journal of Diabetes Science and Technology</i> , 2022, 16, 128-136.	1.3	7
18	Microdialysis Technique as a Monitoring System for Acute Complications of Diabetes. <i>Artificial Organs</i> , 2007, 32, 070802063815012-???	1.0	6

#	ARTICLE	IF	CITATIONS
19	Human endothelial cells hollow fiber membrane bioreactor as a model of the blood vessel for in vitro studies. <i>Journal of Artificial Organs</i> , 2016, 19, 270-277.	0.4	6
20	Microdialysis Monitoring of Glucose, Lactate, Glycerol, and Pyruvate in Patients with Diabetic Ketoacidosis. <i>International Journal of Artificial Organs</i> , 2013, 36, 869-877.	0.7	5
21	The First Use of Bolus Calculator With Speech Analyzer. <i>Journal of Diabetes Science and Technology</i> , 2017, 11, 7-11.	1.3	5
22	Wound surface area measurement methods. <i>Biocybernetics and Biomedical Engineering</i> , 2021, 41, 1454-1465.	3.3	5
23	Application of the Home Telecare System in the Treatment of Diabetic Foot Syndrome. <i>IFMBE Proceedings</i> , 2009, , 1049-1052.	0.2	5
24	An Algorithm Based on Voice Description of Meal for Insulin Dose Calculation to Compensate Food Intake. <i>IFMBE Proceedings</i> , 2015, , 1441-1444.	0.2	4
25	Insulin, but Not Metformin, Supports Wound Healing Process in Rats with Streptozotocin-Induced Diabetes. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 1505-1517.	1.1	4
26	Preventive Systems for the Late Complications of Diabetes. <i>Biocybernetics and Biomedical Engineering</i> , 2011, 31, 3-21.	3.3	3
27	A Comparison of Three Techniques for Wound Area Measurement. <i>IFMBE Proceedings</i> , 2014, , 1071-1074.	0.2	3
28	The influence of ambient temperature on foot temperature in patients with diabetic foot ulceration. <i>Biocybernetics and Biomedical Engineering</i> , 2014, 34, 178-183.	3.3	2
29	Effect of glucose concentration and culture substrate on HUVECs viability in in vitro cultures: A literature review and own results. <i>Biocybernetics and Biomedical Engineering</i> , 2021, 41, 1390-1405.	3.3	2
30	A New Concept of the Integrated Care Service for Unstable Diabetic Patients. <i>IFMBE Proceedings</i> , 2010, , 932-934.	0.2	2
31	Dynamic Bayesian networks for prediction of health status and treatment effect in patients with chronic lymphocytic leukemia. <i>Scientific Reports</i> , 2022, 12, 1811.	1.6	2
32	How Important Is a Closed-Loop Artificial Pancreas?. <i>Artificial Organs</i> , 2019, 43, 9-13.	1.0	1
33	Insulin or Metformin for Glucose Control during Wound Healing in Diabetes?. <i>Diabetes</i> , 2018, 67, 630-P.	0.3	1
34	TeleMed-the telematic system supporting intensive insulin treatment of the newly diagnosed type 1 diabetic patients: first clinical application. , 0, ,		0
35	Estimation of the Hemoglobin Glycation Rate Constant Based on the Mean Glycemia in Patients with Diabetes. <i>IFMBE Proceedings</i> , 2014, , 515-518.	0.2	0
36	Insulin Bolus Calculator with Automatic Speech Recognition. <i>IFMBE Proceedings</i> , 2018, , 603-606.	0.2	0